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## POWERCACHE INTRODUCES PC100 ULTRACAPACITOR

*100-farad capacitance in 34 x 55 x 17mm package*

**San Diego, CA** — PowerCache, a Maxwell Technologies company, today announced the availability of the PC100, a 100-farad ultracapacitor. Priced aggressively in volume purchases, the PC100 can increase battery operating life while reducing battery size in automatic meter readers, automotive applications, black box data recorders for aviation (commercial and military), backup power for UPS applications, or any other product requiring pulsed power, high cycle reliability, and/or low maintenance.

Measuring 34 x 55 x 17mm, the PC100 caches approximately 300 Joules of energy at a nominal 2.5 volts for high-powered discharges ranging from fractions of a second to one minute. According to Robert Tressler, Vice President of Sales and Marketing for PowerCache, its small size and pulsed power capacity can decrease the weight and cost of batteries in devices requiring bursts of power.

"The PC100 can provide power during an application's peak periods with roughly 10 times the power density of ordinary batteries, such as when backing important data systems," said Tressler. "By doing so, the PC100 relieves batteries of peak power functions, so a product's life can be drastically extended and easily maintained while the overall system cost is simultaneously reduced."

In addition, the PC100 can provide extended back-up power availability, allowing critical information and functions to remain available during dips, sags, and outages in the main power supply or battery charge. Available immediately, the PC100 is packaged in a durable, lightweight, hermetically sealed stainless steel prismatic can. It features easily accessible, screw terminals and an electrostatic storage capability that can cycle hundreds of thousands of charges and discharges without performance degradation. Like all PowerCache products, the PC100 is capable of accepting charges at the identical rate of discharges for systems that can benefit from regenerative energy.

PowerCache designs, develops, and manufactures a family of large- and small-cell ultracapacitors. Its products are used in the power quality assurance, wireless communications, automotive, industrial automation, medical, personal digital assistant, actuator, automated meter reader, scanner, and consumer electronic markets. The company's ultracapacitors extend the life of products by providing peak power requirements for overall energy management.

PowerCache is a part of Maxwell Technologies' Electronic Components Group - a family of subsidiaries that designs and manufactures electronic components for a variety of markets. Working with StratoTech Corporation, a world leader in designing and implementing high efficiency manufacturing methods, these subsidiaries operate demand-based manufacturing facilities. The Electronic Components Group consists of PowerCache, Space Electronics, Inc., and Sierra-KD Components. PowerCache provides double layer carbon ultracapacitors for applications requiring high pulses of power; Space Electronics provides radiation-hardened electronic components and

board-level products for space and satellite applications; and Sierra-KD provides multilayer ceramic capacitors and EMI filters for aerospace, medical, and high-grade industrial applications.

Maxwell Technologies applies industry-leading capabilities in power and computing to develop and market products and services for customers in multiple industries, including telecommunications, consumer electronics, satellite, energy, transportation, medical products, and water purification.

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